

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/052233

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06 H04L12/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 • H04L G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 01/86421 A (SUN MICROSYSTEMS, INC) 15 November 2001 (2001-11-15) page 17, line 33 – page 18, line 3 page 20, lines 6-24 page 29, line 23 – page 30, line 20 page 36, lines 29-31 page 52, lines 31-36 page 53, lines 15-20 page 55, line 20 – page 56, line 17 page 57, lines 1-26 page 58, line 11 page 61, line 5 – page 63, line 28</p> <p style="text-align: center;">-/-</p>	1-19

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the International search

Date of mailing of the International search report

8 March 2005

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Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORTInternational Application No
PCT/IB2004/052233**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/50290 A (SONY ELECTRONICS, INC) 12 July 2001 (2001-07-12) page 5, line 1 - page 6, line 20 page 12, lines 6-22 page 14, lines 7-23 page 30, line 5 - page 31, line 6 page 32, lines 9-27 -----	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/052233

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0186421	A	15-11-2001	US 6850979 B1	01-02-2005
			AT 272861 T	15-08-2004
			AT 261596 T	15-03-2004
			AT 261145 T	15-03-2004
			AT 257609 T	15-01-2004
			AT 258695 T	15-02-2004
			AU 5971801 A	20-11-2001
			AU 5971901 A	20-11-2001
			AU 5972601 A	20-11-2001
			AU 6131501 A	20-11-2001
			AU 6137401 A	20-11-2001
			AU 6138601 A	20-11-2001
			AU 6138701 A	20-11-2001
			AU 6138801 A	20-11-2001
			AU 6138901 A	20-11-2001
			AU 6149501 A	20-11-2001
			AU 6301701 A	20-11-2001
			AU 6303301 A	20-11-2001
			AU 6303601 A	03-12-2001
			AU 6303701 A	20-11-2001
			AU 6306401 A	20-11-2001
			AU 6306501 A	20-11-2001
			AU 6457701 A	20-11-2001
			DE 60101740 D1	12-02-2004
			DE 60101740 T2	05-08-2004
			DE 60101911 D1	04-03-2004
			DE 60101911 T2	04-11-2004
			DE 60102234 D1	08-04-2004
			DE 60102234 T2	24-02-2005
			DE 60102305 D1	15-04-2004
			DE 60102305 T2	22-07-2004
			DE 60104678 D1	09-09-2004
			EP 1299799 A2	09-04-2003
			EP 1297413 A2	02-04-2003
			EP 1281119 A2	05-02-2003
			EP 1309915 A2	14-05-2003
			EP 1384142 A2	28-01-2004
			EP 1287423 A2	05-03-2003
			EP 1368734 A2	10-12-2003
			EP 1285354 A2	26-02-2003
			EP 1314085 A2	28-05-2003
			EP 1290547 A2	12-03-2003
			EP 1285323 A2	26-02-2003
			EP 1285334 A2	26-02-2003
			EP 1380941 A2	14-01-2004
			GB 2381100 A ,B	23-04-2003
			JP 2004504657 T	12-02-2004
			JP 2003533766 T	11-11-2003
			JP 2004515833 T	27-05-2004
			JP 2004501427 T	15-01-2004
WO 0150290	A	12-07-2001	AU 2080901 A	16-07-2001
			WO 0150290 A1	12-07-2001